Issue No.	Statemei t of Issue	Petitioners' Proposed Contract Language	Verizon's Proposed Contract Language
II-10-B.10	*Must Verizon allow AT&T to co locate packet switches in collocation space? (Pfan Rebutt il at 3)*	*See AT&T Contract Language For III.10.*	*13.0 COLLOCATION -- SECTION 251(c)(6)* ***13.1*** *To the extent required by Applicable Law, Verizon shall provide Collocation for the purpose of facilitating AT&T's Interconnection with facilities or services of Verizon or access to unbundled Network Elements of Verizon, except as otherwise mutually agreed to in writing by the Parties. Such Collocation shall be provided pursuant to Verizon's applicable federal and state Tariffs as amended from time to time.* ***13.2*** ***[Intentionally omitted]*** ***13.3*** *In the course of implementing a Collocation project, Verizon shall:* *(a) identify the Collocation project manager assigned to the project;* *(b) develop a written comprehensive "critical tasks" timeline detailing the work (and relative sequence thereof) that is to be performed by each Party or jointly by both Parties; and* *(c) provide AT&T with the relevant engineering requirements.* ***13.4*** *AT&T shall purchase Cross Connection to Verizon services or facilities as described in Verizon's applicable Tariffs.* ***13.5*** *AT&T agrees to provide to Verizon, upon Verizon's request, Collocation of equipment for purposes of Interconnection (pursuant to Section 4) and Cross Connection on non-discriminatory rates, terms and conditions.* ***13.6*** *Verizon shall allow AT&T to collocate equipment in a Verizon remote terminal equipment enclosure in accordance with, and subject to, the rates, terms and conditions set forth in applicable Verizon tariffs, as amended from time to time, and Verizon shall do so regardless of whether or not such rates, terms and conditions are effective. Notwithstanding anything else set forth in this Agreement,*

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			Verizon shall allow AT&T to collocate equipment in a Verizon remote terminal equipment enclosure in accordance with, but only to the extent required by, Applicable Law. *See also Verizon Contract Language For III-10-A.*
III-10-B.11	*Must Verizon support the loop-local switch port-shared transport combination in a manner that is indistinguishable from the operational support Verizon delivers to the retail local voice services Verizon provides in a line sharing configuration, including cases where Verizon shares a line with Verizon Advanced Data, Inc., or another Verizon affiliate, or any unaffiliated carriers. If a loop facility in a line splitting configuration is connected to Verizon's unbundled local switching functionality?*	*See AT&T Contract Language For III.10.*	*See Verizon proposed contract language to AT&T at III-10.*
II-10-B.12	*Is a period of thirty (30) business days more than adequate for Verizon to provide augmentations to existing collocations to enable AT&T to engage in line sharing or line splitting?*	***Resolved***	Awaiting revised contract language to reflect MA stipulation.
III-10-B.13	*In circumstances where it is technically feasible to convert an existing line sharing arrangement to a line splitting arrangement without physical disruption of then-existing service to the end user, must Verizon institute records-only changes to record the necessary transfer of responsibilities, without making any changes to the physical facilities used to service the customer, unless AT&T requests otherwise? (Pfau Direct at 108*	*See AT&T Contract Language For III.10.*	*See Verizon's proposed contract language to AT&T for III-10.*
III-10-B.14	*In circumstances where the establishment of a line sharing or line splitting configuration requires physical retermination of wiring, must Verizon make such changes in a manner that assures that no less than parity is achieved for AT&T and its customers with respect to out-of-service intervals and all other operational support, as compared to line sharing or line splitting configurations that have equivalent splitter deployment option?*	*See AT&T Contract Language For III.10.*	*See Verizon's proposed contract language to AT&T for III-10.*
III-10-B.15	*Can Verizon require any form of collocation by AT&T as a pre-requisite to gaining access to the low frequency spectrum of a loop, the high frequency spectrum of the loop, or both, unless such collocation is required to place equipment employed by AT&T (or its authorized agent) to provide service? (Pfau Direct at 137)*	*See AT&T contract Language For III.10, in particular Section 1.4.1 (formerly Section 1.11.1)*	*See Verizon's proposed contract language to AT&T for III-10.*

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III-11	**Should the contract reflect the FCC's decisions in the UNE Remand, Advanced Services and Line Sharing proceedings?**	**Attachment III, Sections 4.3 through 4.5:** **4.3 Subloop** **4.3.1 Definition. The Subloop is any portion of the Loop that is Technically Feasible to access at terminals in Verizon's outside plant, including inside wire. An accessible terminal is any point on the Loop where technicians can access the wire or fiber within the cable without removing a splice case to reach the wire or fiber within, including, but not limited to, the pole or pedestal, the NID, the minimum point of entry, the single point of interconnection, the main distribution frame, the remote terminal, and the Loop Feeder/Distribution interface.** **4.3.2 At MCIm's request, Verizon shall provide MCIm, on an unbundled basis: (a) the Loop with all of its Subloop components, or (b) at MCIm's designation, any one or more of the Subloop components, including, but not limited to, Loop Feeder, Loop Concentrator/Multiplexer, NID, and Loop Distribution.** **4.3.3 MCIm may obtain, and Verizon shall provide, access to Verizon's inside wire at any Technically Feasible point including, but not limited to, the NID, the minimum point of entry, the single point of interconnection, the pedestal, or the pole. "Inside wire" is all Loop plant owned by Verizon or one of its Affiliates on end-user customer premises as far as the point of demarcation defined in Section 68.3 of the FCC's rules, including the Loop plant near the end-user customer premises.** **4.3.4 If the Parties are unable to agree as to whether it is Technically Feasible, or whether sufficient space is available, to unbundle the Subloop at the point where MCIm designates, Verizon shall have the burden of demonstrating to the Commission that there is not sufficient space available, or that it is not Technically Feasible, to unbundle the Subloop at the point requested by MCIm. Further, if a state commission has determined that it is Technically Feasible to unbundle Subloops at a designated point, Verizon shall have the burden of demonstrating that it is not Technically Feasible, or that sufficient space is not available, to unbundle its own Loops at such a point.** **4.3.5 In addition to its obligation to provide Non-Discriminatory access to its Subloops under Section [4.3.2], Verizon shall provide MCIm a single**	**5. Sub-loop** **5.1 Sub-Loop. Subject to the conditions set forth in Section 1 of this Attachment and upon request, Verizon shall provide **CLEC with access to a Sub-Loop (as such term is hereinafter defined) in accordance with, and subject to, the terms and provisions of this Section 5 and the rates set forth in the Pricing Attachment. A "Sub-Loop" means a two-wire or four-wire metallic distribution facility in Verizon's network between a Verizon feeder distribution interface (an "FDI") and the rate demarcation point for such facility (or network interface device ("NID") if the NID is located at such rate demarcation point). Verizon shall provide **CLEC with access to a Sub-Loop in accordance with, but only to the extent required by, Applicable Law.** **5.2 **CLEC may request that Verizon reactivate (if available) an unused drop and NID, install a new drop and NID if no drop and NID are available or provide **CLEC with access to a drop and NID that, at the time of **CLEC's request, Verizon is using to provide service to the Customer (as such term is hereinafter defined). New drops will be installed in accordance with Verizon's standard procedures. In some cases this may result in **CLEC being responsible for the cost of installing the drop.** **5.3 **CLEC may obtain access to a Sub-Loop only at an FDI and only from a CLEC outside plant interconnection cabinet (a "COPIC") or, if **CLEC is collocated at a remote terminal equipment enclosure and the FDI for such Sub-Loop is located in such enclosure, from the collocation arrangement of **CLEC at such enclosure. To obtain access to a Sub-Loop, **CLEC shall install a COPIC on an easement or Right of Way obtained by **CLEC within 100 feet of the Verizon FDI to which such Sub-Loop is connected. A COPIC must comply with applicable industry standards. Subject to the terms of applicable Verizon easements, Verizon shall furnish and place an interconnecting cable between a Verizon FDI and a **CLEC COPIC and Verizon shall install a termination block within such COPIC. Verizon shall retain title to and maintain the interconnecting cable. Verizon shall not be responsible for building, maintaining or**

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		point of interconnection at multi-unit premises that is suitable for use by multiple carriers. The Parties shall in good faith negotiate reasonable terms and conditions regarding a single point of interconnection, including, but not limited to, compensation to Verizon under forward-looking pricing principles. If such negotiations fail to produce a mutually agreeable solution within sixty (60) days after one Party's request to initiate such negotiations, either Party may seek resolution under the Dispute Resolution provision of Part A of this Agreement. **4.4 Loop Feeder** **4.4.1 Definition. "Loop Feeder" is the Network Element that provides connectivity between (i) a Feeder Distribution Interface (FDI) associated with Loop Distribution and a termination point appropriate for the media in a Central Office, or (ii) a Loop Concentrator/Multiplexer in a remote terminal and a termination point appropriate for the media in a Central Office.** **4.4.2 Requirements - Loop Feeder** **4.4.2.1 Verizon shall provide MCIm physical access to the FDI and the right to connect MCIm-provided Loop Feeder to the FDI.** **4.4.2.2 The physical medium of the Loop Feeder may be copper twisted pair, or single or multi-mode fiber or other technologies as designated by MCIm. Upon MCIm's request, Verizon shall provide MCIm a copper twisted pair Loop even in instances where the medium of the Loop Feeder for services that Verizon offers is other than a copper facility.** **4.4.2.3 The Loop Feeder provided by Verizon must be capable of transmitting analog voice frequency, basic rate ISDN, digital data, optical signals, or analog radio frequency signals as appropriate.** **4.4.2.4 Verizon shall provide appropriate power for all active elements in the Loop Feeder. Verizon shall provide appropriate power from a Central Office source, or from a commercial AC source with rectifiers for AC to DC conversion, and 8-hour battery back-up when the equipment is located in an outside plant Remote Terminal.** **4.4.3 Intentionally Left Blank**	**servicing the COPIC and shall not provide any power that might be required by the CLEC for any electronics in the COPIC. **CLEC shall provide any easement, Right of Way or trenching or supporting structure required for any portion of an interconnecting cable that runs beyond a Verizon easement.** **5.4 **CLEC may request from Verizon by submitting a loop make-up engineering query to Verizon, and Verizon shall provide to **CLEC, the following information regarding a Sub-Loop that serves an identified Customer: the Sub-Loop's length and gauge, whether the Sub-Loop has loading and bridged tap, the amount of bridged tap (if any) on the Sub-Loop and the location of the FDI to which the Sub-Loop is connected.** **5.5 To order access to a Sub-Loop, **CLEC must first request that Verizon connect the Verizon FDI to which the Sub-Loop is connected to a **CLEC COPIC. To make such a request, **CLEC must submit to Verizon an application (a "Sub-Loop Interconnection Application") that identifies the FDI at which **CLEC wishes to access the Sub-Loop. A Sub-Loop Interconnection Application shall state the location of the COPIC, the size of the interconnecting cable and a description of the cable's supporting structure. A Sub-Loop Interconnection Application shall also include a five-year forecast of **CLEC's demand for access to Sub-Loops at the requested FDI. **CLEC must submit the application fee set forth in the Pricing Attachment (a "Sub-Loop Application Fee") with a Sub-Loop Interconnection Application. **CLEC must submit Sub-Loop Interconnection Applications to:** **[Former Bell Atlantic services areas]:** **USLA Project Manager** **Bell Atlantic** **Room 509** **125 High Street** **Boston, MA 02110** **E-Mail: Collocation.applications@BellAtlantic.com**

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		4.4.4 Additional Technical Requirements - DS1 Conditioned Loop Feeder. In addition to the requirements set forth in Section [4.4] above, MCIm may designate that the Loop Feeder be conditioned to transport a DS1 signal. **4.4.5 Additional Technical Requirements - Optical Loop Feeder. In addition to the requirements set forth in Section [4.4.2] above, MCIm may designate that the Loop Feeder will transport DS3 and OCn.** **4.4.6 Interface Requirements - Loop Feeder** **4.4.6.1 The Loop Feeder Point of Termination (POT) within a Verizon Central Office will be as follows:** **4.4.6.1.1 Copper twisted pairs must terminate on the MDF;** **4.4.6.1.2 DS1 Loop Feeder must terminate on a DSX1, DCS1/0 or DCS3/1; and** **4.4.6.1.3 Fiber Optic cable must terminate on a LGX.** **4.5 Distribution** **4.5.1 Definition. "Distribution" provides connectivity between the NID component of Loop Distribution and the terminal block on the End User-side of a Feeder Distribution Interface (FDI). The FDI is a device that terminates the Distribution and the Loop Feeder, and cross-connects them in order to provide a continuous transmission path between the NID and a Verizon Central Office. There are three basic types of feeder-distribution connection: (i) multiple (splicing of multiple distribution pairs onto one feeder pair); (ii) dedicated (home run); and (iii) interfaced (cross-connected). While older plant uses multiple and dedicated approaches, newer plant and all plant that uses IDLC or other pair-gain technology necessarily uses the interfaced approach. The feeder-distribution interface (FDI) in the interfaced design makes use of a manual cross-connection, typically housed inside an outside plant device (green box) or in a vault or manhole.** **The Distribution may be one or a combination of: copper twisted pair,**	**[Former GTE service areas]:** ****CLEC's Account Manager** **5.6 Within sixty (60) days after it receives a complete Sub-Loop Interconnection Application for access to a Sub-Loop and the Sub-Loop Application Fee for such application, Verizon shall provide to **CLEC a work order that describes the work that Verizon must perform to provide such access (a "Sub-Loop Work Order") and a statements of the cost of such work (a "Sub-Loop Interconnection Cost Statement").** **5.7 **CLEC shall pay to Verizon fifty percent (50%) of the cost set forth in a Sub-Loop Interconnection Cost Statement within sixty (60) days of **CLEC's receipt of such statement and the associated Sub-Loop Work Order, and Verizon shall not be obligated to perform any of the work set forth in such order until Verizon has received such payment. A Sub-Loop Interconnection Application shall be deemed to have been withdrawn if **CLEC breaches its payment obligation under this Section 5.7. Upon Verizon 's completion of the work that Verizon must perform to provide **CLEC with access to a Sub-Loop, Verizon shall bill **CLEC, and **CLEC shall pay to Verizon, the balance of the cost set forth in the Sub-Loop Interconnection Cost Statement for such access.** **5.8 After Verizon has completed the installation of the interconnecting cable to a **CLEC COPIC and **CLEC has paid the full cost of such installation, **CLEC can request the cross connection of Verizon Sub-Loops to the **CLEC COPIC. At the same time, **CLEC shall advise Verizon of the services that **CLEC plans to provide over the Sub-Loop, request any conditioning of the Sub-Loop and assign the pairs in the interconnecting cable. **CLEC shall run any crosswires within the COPIC.** **5.9 If **CLEC requests that Verizon reactivate an unused drop and NID, then **CLEC shall provide dial tone (or its DSL equivalent) on the **CLEC side of the applicable Verizon FDI at least twenty-four (24) hours before the due date. On the due date,**

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		coax cable, single or multi-mode fiber optic cable, or other technologies. Upon MCIm's request, Verizon shall provide MCIm a copper twisted pair Distribution even in instances where the Distribution for services that Verizon offers is other than a copper facility. **4.5.2 Requirements - Distribution. Verizon shall provide MCIm with Distribution that satisfies the following requirements:** **4.5.2.1 Distribution must be capable of transmitting signals for the following services (as requested by MCIm):** **4.5.2.1.1 Two-wire & four-wire analog voice grade Loops;** **4.5.2.1.2 Two-wire & four-wire facilities that are capable of transmitting the digital signals needed to provide services such as ISDN, DSL, and DS1-level signals.** **4.5.2.2 Distribution must transmit all signaling messages or tones. Where the Distribution includes any active elements that terminate any of the signaling messages or tones, these messages or tones must be reproduced by the Distribution at the interfaces to an adjacent Network Element in a format that maintains the integrity of the signaling messages or tones.** **4.5.2.3 Distribution must support functions associated with provisioning, maintenance and testing of the Distribution itself, as well as provide necessary access to provisioning, maintenance and testing functions for Network Elements with which it is associated.** **4.5.2.4 Where Technically Feasible, Distribution must provide performance monitoring of the Distribution itself, as well as provide necessary access for performance monitoring for Network Elements with which it is associated.** **4.5.2.5 Verizon shall provide MCIm with physical access to, and the right to connect to, the FDI.** **4.5.2.6 Verizon shall offer, at MCIm's sole discretion, Distribution together with, and separately from, the NID component of Distribution.** **4.5.3 Additional Requirements - Special Copper Distribution**	**a Verizon technician will run the appropriate cross connection to connect the Verizon Sub-Loop to the **CLEC dial tone or equivalent from the COPIC. If **CLEC requests that Verizon install a new drop and NID, then **CLEC shall provide dial tone (or its DSL equivalent) on the **CLEC side of the applicable Verizon FDI at least twenty-four (24) hours before the due date. On the due date, a Verizon technician shall run the appropriate cross connection of the facilities being reused at the Verizon FDI and shall install a new drop and NID. If **CLEC requests that Verizon provide **CLEC with access to a Sub-Loop that, at the time of **CLEC's request, Verizon is using to provide service to a Customer, then, after **CLEC has looped two interconnecting pairs through the COPIC and at least twenty four (24) hours before the due date, a Verizon technician shall crosswire the dial tone from the Verizon central office through the Verizon side of the COPIC and back out again to the Verizon FDI and Verizon Sub-Loop using the "loop through" approach. On the due date, **CLEC shall disconnect Verizon's dial tone, crosswire its dial tone to the Sub-Loop and submit the **CLEC's long-term number portability request.** **5.10 Verizon will not provide access to a Sub-Loop if Verizon is using the loop of which the Sub-Loop is a part to provide line sharing service to another CLEC or a service that uses derived channel technology to a Customer unless such other CLEC first terminates the Verizon-provided line sharing or such Customer first disconnects the service that utilizes derived channel technology.** **5.11 Verizon shall provide **CLEC with access to a Sub-Loop in accordance with negotiated intervals** **5.12 Verizon shall repair and maintain a Sub-Loop at the request of **CLEC and subject to the time and material rates set forth in the Pricing Attachment. **CLEC accepts responsibility for initial trouble isolation for Sub-Loops and providing Verizon with appropriate dispatch information based on its test results. If (a) **CLEC reports to Verizon a Customer trouble, (b) **CLEC requests a dispatch, (c) Verizon dispatches a technician, and (d) such trouble was not caused by Verizon Sub-Loop facilities or**

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		In addition to Distribution that supports the requirements in Section [4.5.2] above, MCIm may designate Distribution to be copper twisted pair unfettered by any intervening equipment (e.g., filters, loading coils, range extenders) so that MCIm can use these facilities for a variety of services by attaching appropriate terminal equipment. **4.5.4 Additional Requirements - Fiber Distribution. In addition to the requirements set forth in Section [4.5.2], MCIm may designate fiber optic cable Distribution that is capable of transmitting signals for the following services:** **4.5.4.1 DS3 rate service;** **4.5.4.2 Optical SONET OCn; and** **4.5.4.3 Analog Radio Frequency based services.** **4.5.5 Additional Requirements - Coaxial Cable Distribution. In addition to the requirements set forth in Section [4.5.2], MCIm may designate coaxial cable (coax) Distribution that is capable of transmitting signals for the following services:** **4.5.5.1 Broadband data, either one way or bi-directional, symmetric or asymmetric, at rates between 1.5 Mbps and 45 Mbps and** **4.5.5.2 Analog Radio Frequency based services.**	**equipment in whole or in part, then **CLEC shall pay Verizon the charge set forth in the Pricing Attachment for time associated with said dispatch. In addition, this charge also applies when the Customer contact as designated by **CLEC is not available at the appointed time. If as the result of **CLEC instructions, Verizon is erroneously requested to dispatch to a site on Verizon company premises ("dispatch in"), a charge set forth in the Pricing Attachment will be assessed per occurrence to **CLEC by Verizon. If as the result of **CLEC instructions, Verizon is erroneously requested to dispatch to a site outside of Verizon company premises ("dispatch out"), a charge set forth in the Pricing Attachment will be assessed per occurrence to **CLEC by Verizon.** **5.13 Collocation in Remote Terminals.** **To the extent required by Applicable Law, Verizon shall allow **CLEC to collocate equipment in a Verizon remote terminal equipment enclosure in accordance with, and subject to, the rates, terms and conditions set forth in the Collocation Attachment.** **6. Inside Wire** **6.1 Subject to the conditions set forth in Section 1 of this Attachment and upon request, Verizon shall provide to **CLEC access to a House and Riser Cable (as such term is hereinafter defined) in accordance with, and subject to, the terms and provisions of this Section 6 and the rates set forth in the Pricing Attachment. A "House and Riser Cable" means a two-wire or four-wire metallic distribution facility in Verizon's network between the minimum point of entry for a building where a premises of a Customer is located (such a point, an "MPOE") and the rate demarcation point for such facility (or network interface device ("NID") if the NID is located at such rate demarcation point). Verizon will provide access to a House and Riser Cable only if Verizon owns, operates, maintains and controls such facility and only where such facility is available. Verizon shall not reserve a House and Riser Cable for **CLEC. **CLEC may access a House and Riser Cable only at the MPOE for such cable. Verizon shall provide **CLEC with access to House and Riser**

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			Cables in accordance with, but only to the extent required by, Applicable Law. ****CLEC must satisfy the following conditions before ordering access to a House and Riser Cable from Verizon:** **6.1.1 **CLEC shall locate its compatible terminal block within cross connect distance of the MPOE for such cable. A terminal block is within cross connect distance of an MPOE if it is located in the same room (not including a hallway) or within twelve (12) feet of such MPOE.** **6.1.2 If suitable space is available, **CLEC shall install its terminal block no closer than within fourteen (14) inches of the MPOE for such cable, unless otherwise agreed by the Parties.** **6.1.3 **CLEC's terminal block or equipment cannot be attached, otherwise affixed or adjacent to Verizon's facilities or equipment, cannot pass through or otherwise penetrate Verizon's facilities or equipment and cannot be installed so that **CLEC's terminal block or equipment is located in a space where Verizon plans to locate its facilities or equipment.** **6.1.4 **CLEC shall identify its terminal block and equipment as a **CLEC facility.** **6.2 To provide **CLEC with access to a House and Riser Cable, Verizon shall not be obligated to (a) move any Verizon equipment, (b) secure any Right of Way for **CLEC, (c) secure space for **CLEC in any building, (d) secure access to any portion of a building for **CLEC or (e) reserve space in any building for **CLEC.** **6.3 **CLEC must ensure that its terminal block has been tested for proper installation, numbering and operation before ordering from Verizon access to a House and Riser Cable. Verizon shall perform cutover of a Customer to **CLEC service by means of a House and Riser Cable subject to a negotiated interval. Verizon shall install a jumper cable to connect the appropriate Verizon House and Riser Cable pair to **CLEC's**

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			termination block, and Verizon shall determine how to perform such installation. **CLEC shall coordinate with Verizon to ensure that House and Riser Cable facilities are converted to **CLEC in accordance with **CLEC's order for such services. **6.4 If a **CLEC compatible connecting block or spare termination on **CLEC's connecting block is not available at the time of installation, Verizon shall bill **CLEC, and **CLEC shall pay to Verizon, the Not Ready Charge set forth in the Pricing Attachment and the Parties shall establish a new cutover date. Verizon may install a new House and Riser Cable subject to the time and material charges set forth in the Pricing Attachment.** **6.5 Verizon shall perform all installation work on Verizon equipment. All **CLEC equipment connected to a House and Riser Cable shall comply with applicable industry standards.** **6.6 Verizon shall repair and maintain a House and Riser Cable at the request of **CLEC and subject to the time and material rates set forth in the Pricing Attachment. **CLEC shall be solely responsible for investigating and determining the source of all troubles and for providing Verizon with appropriate dispatch information based on its test results. Verizon shall repair a trouble only when the cause of the trouble is a Verizon House and Riser Cable. If (a) **CLEC reports to Verizon a Customer trouble, (b) **CLEC requests a dispatch, (c) Verizon dispatches a technician, and (d) such trouble was not caused by a Verizon House and Riser Cable in whole or in part, then **CLEC shall pay Verizon the charge set forth in the Pricing Attachment for time associated with said dispatch. In addition, this charge also applies when the Customer contact as designated by **CLEC is not available at the appointed time. If as the result of **CLEC instructions, Verizon is erroneously requested to dispatch to a site on Verizon company premises ("dispatch in"), a charge set forth in the Pricing Attachment will be assessed per occurrence to **CLEC by Verizon. If as the result of **CLEC instructions, Verizon is erroneously requested to dispatch to a site outside of Verizon company premises ("dispatch out"), a charge set forth in the Pricing Attachment will be assessed per occurrence to **CLEC by Verizon.**

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			8. Network Interface Device **(8.1) Subject to the conditions set forth in Section 1 and at **CLEC's request, Verizon shall permit **CLEC to connect a **CLEC Loop to the Inside Wiring of a Customer through the use of a Verizon NID in the manner set forth in this Section 8. Verizon shall provide **CLEC with access to NIDs in accordance with, but only to the extent required by, Applicable Law. **CLEC may access a Verizon NID either by means of a Cross Connection (but only if the use of such Cross Connection is technically feasible) from an adjoining **CLEC NID deployed by **CLEC or, if an entrance module is available in the Verizon NID, by connecting a **CLEC Loop to the Verizon NID. In all cases, Verizon shall perform this Cross Connection. When necessary, Verizon will rearrange its facilities to provide access to an existing Customer's Inside Wire. An entrance module is available only if facilities are not connected to it.** **8.2 In no case shall **CLEC access, remove, disconnect or in any other way rearrange, Verizon's Loop facilities from Verizon's NIDs, enclosures, or protectors.** **8.3 In no case shall **CLEC access, remove, disconnect or in any other way rearrange, a Customer's Inside Wire from Verizon's NIDs, enclosures, or protectors where such Customer Inside Wire is used in the provision of ongoing Telecommunications Service to that Customer.** **8.4 In no case shall **CLEC remove or disconnect ground wires from Verizon's NIDs, enclosures, or protectors.** **8.5 In no case shall **CLEC remove or disconnect NID modules, protectors, or terminals from Verizon's NID enclosures.** **8.6 Maintenance and control of premises Inside Wiring is the responsibility of the Customer. Any conflicts between service providers for access to the Customer's Inside Wire must be resolved by the person who controls use of the wire (e.g., the**

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			Customer). **When **CLEC is connecting a **CLEC-provided Loop to the Inside Wiring of a Customer's premises through the Customer's side of the Verizon NID, **CLEC does not need to submit a request to Verizon and Verizon shall not charge **CLEC for access to the Verizon NID. In such instances, **CLEC shall comply with the provisions of Sections 8.2 through 8.7 of this Agreement and shall access the Customer's Inside Wire in the manner set forth in Section 6 of this Agreement.** **8.7 Due to the wide variety of NIDs utilized by Verizon (based on Customer size and environmental considerations), **CLEC may access the Customer's Inside Wire, acting as the agent of the Customer by any of the following means:** **8.7.1 Where an adequate length of Inside Wire is not present or environmental conditions do not permit, **CLEC may enter the Customer side of the Verizon NID enclosure for the purpose of removing the Inside Wire from the terminals of Verizon's NID and connecting a connectorized or spliced jumper wire from a suitable "punch out" hole of such NID enclosure to the Inside Wire within the space of the Customer side of the Verizon NID. Such connection shall be electrically insulated and shall not make any contact with the connection points or terminals within the Customer side of the Verizon NID.** **8.7.2 **CLEC may request Verizon to make other rearrangements to the Inside Wire terminations or terminal enclosure on a time and materials cost basis to be charged to the requesting party (i.e. **CLEC, its agent, the building owner or the Customer). If **CLEC accesses the Customer's Inside Wire as described in this Section 8.7.2, time and materials charges will be billed to the requesting party (i.e. **CLEC, its agent, the building owner or the Customer).**

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	MDU Subloop. How should Verizon provide full and non-discriminatory access to all subloop elements at any technically feasible points in order to be consistent with the UNE Remand Order?	*Adopt AT&T's proposed Schedule 11.2.14 of AT&T's proposed agreement, as revised by AT&T (deletions ~~strikethrough~~, new language red).* ***. Schedule 11.2.14*** ***Subloop*** *1* ***Definition [FCC RULE 51.319(a)(2)]*** *The Subloop network element, as set forth in FCC Rule 51.319, is defined as any portion of the transmission path, owned or controlled by Verizon, between two access terminals located anywhere between the Central Office distributing frame and the demarcation point at the customer premises, inclusive.* *2. An accessible terminal is any point on a transmission path, dedicated to a customer (or customers) of AT&T where technicians can access the facility without removing a splice case to reach the facility. Access terminals may be located at technically feasible points including but not limited to those:* *c. at, near, or on the customer premises, such as the pole or pedestal, the NID, the cross-connect block, a building terminal, or the minimum point of entry to the customer premises (MPOE).* *d. at the Feeder Distribution Interface or Serving Area Interface (FDI/SAI), the point in the Verizon outside plant where the feeder facility cross-connects to the distribution facility. The FDI/SAI might be located in the utility room, in a remote terminal, or in a controlled environment vault (CEV).* *e. at a distribution frame in the incumbent's central office.* *3. Intra-Premises Wiring for MTEs or Commercial Properties (a.k.a. Subloop Inside Wire) is defined as all facilities owned or controlled by Verizon on private property from the point where the facility crosses the property line to the point of demarcation as defined in 47 C.F.R. Sec. 68.3.* *4* ***Subloop Element - Functionality and General Requirements***	*11.2.14 Sub-Loop* *To the extent required by Applicable Law, Verizon shall provide access to the unbundled Sub-Loop Network Element.* *11.2.14.1 The unbundled Sub-Loop network element, as set forth in FCC Rule 51.319(a)(2), is any portion of the loop that is technically feasible to access at terminals in Verizon's outside plant, including inside wire as defined in FCC Rule 51.319(a)(2)(i). An accessible terminal is any point on the loop where technicians can access the wire or fiber within the cable without removing a splice case to reach the wire or fiber within ("Accessible Terminal Point").* *11.2.14.2 Such Accessible Terminal Points may include, but are not limited to, the pole or pedestal, the network interface device, the minimum point of entry, the single point of interconnection, the main distribution frame, the remote terminal (if the FDI is located in such remote terminal), and the feeder/distribution interface. The Accessible Terminal Point at a remote terminal may be the remote terminal equipment enclosure which includes controlled environment vaults, huts, cabinets and remote terminals in leased space in buildings not owned by Verizon.* *11.2.14.3 [Intentionally Omitted]* *11.2.14.4 [Intentionally Omitted]* *11.2.14.5 Sub-Loop Element - Components and Functionality* *11.2.14.5.1 The Sub-Loop Network Element shall include the following facilities:* *a) Sub-Loop Distribution facility, as defined in Section 11.2.14.6* *(b) Feeder Sub-Loop, as defined in Section 11.2.14.7* *11.2.14.6 Unbundled Sub-Loop Distribution ("Sub-Loop*

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		4.1 Subloop Element includes but is not limited to the following functionality: *(a) Loop Concentration/Multiplexing Functionality* *(b) Loop Feeder* *(c) Loop Distribution* *(d) Intra-Premises Wiring* *4.2 Subloop Element – General Requirements* *4.2.1 At its option, AT&T may purchase from Verizon on an unbundled basis the entire Loop and NID in combination, or any Subloop element (i.e., Loop Feeder, Loop Concentration/Multiplexing Functionality, Loop Distribution, and intra-premises wiring), or any combination of Subloop elements ordinarily combined in the Verizon network. Any combined Subloop elements shall not be separated unless so directed by AT&T. The BFR Process shall not apply to the purchase of Subloop elements. Except as may be stated elsewhere in this Schedule, Subloop elements shall be available to AT&T through the standard ordering process. Verizon may only refuse to limit availability of or access to a Subloop at or between two points by demonstrating that the access sought by AT&T is technically infeasible. To the extent Verizon refuses access on such a basis, Verizon shall provide AT&T with a written explanation of the facts it relies upon to demonstrate the technical infeasibility of the request and such explanation must be provided to AT&T within (five) 5 days of the request for access that Verizon seeks to deny.* *4.2.2 Verizon shall provide all Subloop elements or Subloop element combinations to AT&T in good working order such that they are capable of supporting transmission of at least the same quality as when the same or similar configuration is employed by Verizon within its own network. To the extent a Subloop element does not perform to this standard, Verizon will perform all necessary work, at its own cost, to bring the Subloop element into conformance. During the period when a Subloop element fails to meet this standard, AT&T will not be held responsible for any payments to Verizon for its use.*	*Distribution") Facility* *11.2.14.6.1 Subject to the conditions set forth in Section 11.7 and upon request, Verizon shall provide AT&T with access to a Sub-Loop Distribution facility (as such term is hereinafter defined) in accordance with, and subject to, the terms and provisions of this Section 11.2.14. A "Sub-Loop Distribution" facility means a two-wire or four-wire (two (2) pairs) metallic distribution facility in Verizon's network between a Verizon feeder distribution interface (an "FDI") and the rate demarcation point for such facility (or network interface device ("NID") if the NID is located at such Rate Demarcation Point). Notwithstanding anything else set forth in this Agreement, Verizon shall provide AT&T with access to a Sub-Loop Distribution facility in accordance with, but only to the extent required by, Applicable Law.* *11.2.14.6.2 AT&T may request that Verizon reactivate (if available) an unused drop and NID, install a new drop and NID if no drop and NID are available or provide AT&T with access to a drop and NID that, at the time of AT&T's request, Verizon is using to provide service to a Customer. New drops will be installed in accordance with Verizon's standard procedures. In some cases, this may result in AT&T being responsible for the cost of installing the drop.* *11.2.14.6.3 AT&T may obtain access to a Sub-Loop Distribution facility only at an FDI and only from a Telecommunications Carrier outside plant interconnection cabinet (a "TOPIC") or, if AT&T is collocated at a remote terminal equipment enclosure and the FDI for such Sub-Loop Distribution facility is located in such terminal, from the collocation arrangement of AT&T at such terminal. To obtain access to a Sub-Loop Distribution facility, AT&T shall install a TOPIC on an easement or Right of Way obtained by AT&T within 100 feet of the Verizon FDI to which such Sub-Loop Distribution facility is connected. A TOPIC must comply with applicable industry standards. Subject to the terms of applicable Verizon easements, Verizon shall furnish and place an interconnecting cable between a Verizon FDI and an AT&T TOPIC and Verizon shall install a termination block within such TOPIC. Verizon shall retain title to and maintain the interconnecting cable. Verizon shall not be*

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		4.2.3 AT&T may connect to any Subloop element at any technically feasible point and Verizon will not in any manner restrict or delay access to such technically feasible points. AT&T may access the Intra-Premise Wiring at any technically feasible point including, but not limited to the NID, the MPOE, the Single Point of Interconnection (SPOI), the pedestal or the pole. AT&T, shall have the option to perform all work, including but not limited to lifting and re-terminating of cross-connection or cross-connecting new terminations at accessible terminals used for Subloop access. No supervision or oversight of any kind by Verizon personnel shall be required but Verizon may monitor the work, at its own expense, provided Verizon does not delay or otherwise interfere with the work being performed by AT&T or its duly authorized agent(s). *4.2.4 When AT&T requests connection at the Verizon FDI/SAI, AT&T will identify the size and type of cable that it seeks to terminate in the Verizon FDI/SAI location. AT&T at its option, will terminate the facility or request that Verizon terminate the facility on the existing accessible terminal capacity identified by Verizon. If termination capacity is not available at the time requested by AT&T, AT&T may cancel its order without incurring any charge, or AT&T may extend the due date of the order to permit Verizon to expand the terminal capacity at the identified FDI/SAI. Upon AT&T's request to expand the terminal capacity, VERIZON must complete all such expansion work within 30 business days.* *4.2.5 AT&T may, at its discretion, opt to construct an adjacent structure to connect to the Subloop element and Verizon will facilitate interconnecting the existing Verizon structure and the structure deployed by AT&T including but not limited to permitting AT&T to make the necessary physical connections to the Verizon terminals. Verizon will not oppose or otherwise impede reasonable requests involving placement of AT&T facilities or equipment within the right-of-way Verizon occupies. Unless AT&T or its duly authorized agent elects to make the connections, Verizon must implement all necessary interconnections between its terminals and any adjacent AT&T structures no later than 30 days from the date of an interconnection request from AT&T.*	*responsible for building, maintaining or servicing the TOPIC and shall not provide any power that might be required by AT&T for any electronics in the TOPIC. AT&T shall provide any easement, Right of Way or trenching or other supporting structure required for any portion of an interconnecting cable that runs beyond a Verizon easement.* *11.2.14.6.4 AT&T may request from Verizon by submitting a loop make-up engineering query to Verizon, and Verizon shall provide to AT&T, the following information regarding a Sub-Loop Distribution facility that serves an identified Customer: the Sub-Loop Distribution's length and gauge, whether the Sub-Loop Distribution has loading and bridged tap, the amount of bridged tap (if any) on the Sub-Loop Distribution facility and the location of the FDI to which the Sub-Loop Distribution facility is connected.* *11.2.14.6.5 To order access to a Sub-Loop Distribution facility, AT&T must first request that Verizon connect the Verizon FDI to which the Sub-Loop Distribution facility is connected to an AT&T TOPIC. To make such a request, AT&T must submit to Verizon an application (a "Sub-Loop Distribution Facility Interconnection Application") that identifies the FDI at which AT&T wishes to access the Sub-Loop Distribution facility. A Sub-Loop Distribution Facility Interconnection Application shall state the location of the TOPIC, the size of the interconnecting cable and a description of the cable's supporting structure. A Sub-Loop Distribution Facility Interconnection Application shall also include a five-year forecast of AT&T's demand for access to Sub-Loop Distribution facilities at the requested FDI. AT&T must submit the application fee as determined by Verizon (a "Sub-Loop Distribution Application Fee") with a Sub-Loop Distribution Facility Interconnection Application. AT&T must submit Sub-Loop Distribution Facility Interconnection Applications to:* *USLA Project Manager* *Verizon Room 509* *125 High Street* *Boston, MA 02110* *E-Mail: Collocation.applications@BellAtlantic.com*

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		4.3 ***Loop Concentration/Multiplexing Functionality*** *4.3.1 Loop Concentration/Multiplexing Functionality will be provided by Verizon deploying equipment at each end of the Subloop conductor that operates in a manner to accomplish one or more of the following:* *(i) aggregates lower bit rate or bandwidth signals to higher bit rate or bandwidth signals (multiplexing);* *(ii) disaggregates higher bit rate or bandwidth signals to lower bit rate or bandwidth signals (demultiplexing);* *(iii) aggregates a specified number of signals or channels to fewer channels (concentrating);* *(iv) performs signal conversion, including encoding of signals (e.g., analog to digital and digital to analog signal conversion); and* *(v) in some instances performs electrical to optical (E/O) conversions.* *4.3.1.1 This functionality includes the connecting facilities from the physical location of the equipment providing the loop concentration/multiplexing functionality and the physical location of the accessible terminals on the distribution side of the functionality outside the central office as well as the connecting facility from the physical location of the equipment providing the functionality in the Central Office and accessible terminal used by AT&T in the Central Office.* *4.3.2 Equipment that provides Loop Concentration/Multiplexing Functionality includes Digital Loop Carrier (DLC), regardless of type, channel banks, multiplexers or other equipment that encodes or decodes, multiplexes or demultiplexes, or concentrates*	*11.2.14.6.6 Within sixty (60) days after it receives a complete Sub-Loop Distribution Facility Interconnection Application for access to a Sub-Loop Distribution Facility and the Sub-Loop Distribution Application Fee for such application, Verizon shall provide to AT&T a work order that describes the work that Verizon must perform to provide such access (a "Sub-Loop Distribution Work Order") and a statement of the cost of such work (a "Sub-Loop Distribution Interconnection Cost Statement").* *11.2.14.6.7 AT&T shall pay to Verizon fifty percent (50%) of the cost set forth in a Sub-Loop Distribution Interconnection Cost Statement within sixty (60) days of AT&T's receipt of such statement and the associated Sub-Loop Distribution Work Order, and Verizon shall not be obligated to perform any of the work set forth in such order until Verizon has received such payment. A Sub-Loop Distribution Interconnection Application shall be deemed to have been withdrawn if AT&T breaches its payment obligation under this Section 11.2.14.6.7. Upon Verizon's completion of the work that Verizon must perform to provide AT&T with access to a Sub-Loop Distribution facility, Verizon shall bill AT&T, and AT&T shall pay to Verizon, the balance of the cost set forth in the Sub-Loop Distribution Interconnection Cost Statement for such access.* *11.2.14.6.8 After Verizon has completed the installation of the interconnecting cable to an AT&T TOPIC and AT&T has paid the full cost of such installation, AT&T can request the cross connection of a Verizon Sub-Loop Distribution facility to the AT&T TOPIC. At the same time, AT&T shall advise Verizon of the services that AT&T plans to provide over the Sub-Loop Distribution facility, request any conditioning of the Sub-Loop Distribution facility and assign the pairs in the interconnecting cable. AT&T shall run any crosswires within the TOPIC.* *11.2.14.6.9 If AT&T requests that Verizon reactivate an unused drop and NID, then AT&T shall provide dial tone (or its DSL equivalent) on the AT&T side of the applicable Verizon FDI at least twenty four (24) hours before the due date. On the due date, a Verizon technician will run the appropriate cross connection to connect the Verizon Sub-Loop Distribution facility to the AT&T dial*

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		communication facilities. *4.3.3 Technical Requirements* *4.3.3.1 Loop Concentration/Multiplexing Functionality, if deployed, is used to concentrate and or multiplex the distribution media to the feeder media. The media can be copper, coax or fiber. To the extent unbundling involves "concentration," Verizon and AT&T will work cooperatively to establish concentration ratios for the specific application within the technical limits that may exist with deployed equipment and facilities.* *4.3.3.2 When Verizon provides Loop Concentration/Multiplexing Functionality or Loop repeaters, Verizon shall provide power for Subloop equipment through a non-interruptible source with battery backup unless otherwise mutually agreed upon by the Parties.* *4.3.3.3 Loop Concentration/Multiplexing Functionality shall be provided to AT&T in accordance with industry standard technical references.* *4.3.3.4 Loop Concentration/Multiplexing Functionality shall, where technically feasible, continuously monitor protected circuit packs and redundant common equipment.* *4.3.3.5 The redundant common equipment shall also automatically switch to a protection circuit pack on detection of a failure or degradation of normal operation where technically feasible.* *4.3.3.6 Verizon shall provide AT&T real time performance and alarm data that may affect AT&T's traffic, if and when technically feasible and to partition such data for AT&T where feasible.* *4.3.3.7 At AT&T's option, Verizon shall provide AT&T with real time ability to initiate non-service affecting tests on the underlying device that provides Loop Concentration/ Multiplexing Functionality.*	*tone or equivalent from the TOPIC. If AT&T requests that Verizon install a new drop and NID, then AT&T shall provide dial tone (or its DSL equivalent) on the AT&T side of the applicable Verizon FDI at least twenty four (24) hours before the due date. On the due date, a Verizon technician shall run the appropriate cross connection of the facilities being reused at the Verizon FDI and shall install a new drop and NID. If AT&T requests that Verizon provide AT&T with access to a Sub-Loop Distribution facility that, at the time of AT&T's request, Verizon is using to provide service to a Customer, then, after AT&T has looped two interconnecting pairs through the TOPIC and at least twenty four (24) hours before the due date, a Verizon technician shall crosswire the dial tone from the Verizon central office through the Verizon side of the TOPIC and back out again to the Verizon FDI and Verizon Sub-Loop Distribution facility using the "loop through" approach. On the due date, AT&T shall disconnect Verizon's dial tone, crosswire its dial tone to the Sub-Loop Distribution facility and submit AT&T's long-term number portability request.* *11.2.14.6.10 Verizon shall not provide access to a Sub-Loop Distribution facility if Verizon is using the loop of which the Sub-Loop Distribution facility is a part to provide line sharing service to another CLEC or a service that uses derived channel technology to a Customer unless such other CLEC first terminates the Verizon-provided line sharing or such Customer first disconnects the service that utilizes derived channel technology.* *11.2.14.6.11 Verizon shall provide AT&T with access to a Sub-Loop Distribution facility in accordance with negotiated intervals.* *11.2.14.6.12 Verizon shall repair and maintain a Sub-Loop Distribution facility at the request of AT&T and subject to the time and material rates set forth in Exhibit A. AT&T accepts responsibility for initial trouble isolation for Sub-Loop Distribution facilities and providing Verizon with appropriate dispatch information based on its test results. If (a) AT&T reports to Verizon a Customer trouble, (b) AT&T requests a dispatch, (c) Verizon dispatches a technician, and (d) such trouble was not caused by Verizon Sub-Loop Distribution facilities or equipment in whole or in part, then AT&T shall pay Verizon the charge set forth in Exhibit A for time associated with said*

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		4.3.4 Interface Requirements *4.3.4.1 Loop Concentration/Multiplexing Functionality shall meet the following interface requirements, as appropriate for the configuration similarly deployed in Verizon's network if provided in response to a specific AT&T request.* *4.3.4.2 Loop Concentration/Multiplexing Functionality shall provide either digital 4 or 6-wire - electrical interfaces or optical SONET interfaces at rates of OC-3, OC-12, OC-48, and OC-N, if the equipment deployed is capable of providing such interfaces at the serving wire center.* *4.3.4.3 If technically feasible and deployed in the Verizon network at the requested location, Loop Concentration/Multiplexing Functionality shall provide a DS1 interface that complies with the Telcordia (formerly Bellcore) TR-303 (and/or GR-303, when DLC's are present) interface specifications to AT&T at the serving wire center.* *4.3.4.4 If technically feasible, Loop Concentration/ Multiplexing Functionality shall provide Telcordia (formerly Bellcore) TR-08 modes 1&2 DS1 interfaces when requested by AT&T.* *4.3.4.5 All equipment furnished to AT&T by Verizon shall deliver interfaces in accordance with design specifications as deployed in the Verizon network.* *4.4* ***Loop Feeder*** *4.4.1 The Loop Feeder provides connectivity between:* *(i) an accessible terminal in the outside plant of Verizon such as the Feeder Distribution Interface or Serving Area Interface (FDI/SAI) or when loop concentration/ multiplexing functionality is provided at the accessible terminal on the feeder side of that equipment; and*	*dispatch. In addition, this charge also applies when the Customer contact as designated by AT&T is not available at the appointed time. If as the result of AT&T instructions, Verizon is erroneously requested to dispatch to a site on Verizon company premises ("dispatch in"), a charge set forth in Exhibit A will be assessed per occurrence to AT&T by Verizon. If as the result of AT&T instructions, Verizon is erroneously requested to dispatch to a site outside of Verizon company premises ("dispatch out"), a charge set forth in Exhibit A will be assessed per occurrence to AT&T by Verizon.* *11.2.14.6.13 Rates for Sub-Loop Distribution facilities shall be established in accordance with Section 11.11.1 of this Agreement.* *11.2.14.6.14 To the extent required by Applicable Law, Verizon shall allow AT&T to collocate equipment in a Verizon remote terminal equipment enclosure in accordance, with, and subject to, the rates, terms and conditions set forth in Section 13 of this Agreement.* *11.2.14.7 Feeder Sub-Loop* *11.2.14.7.1 Subject to the conditions set forth in Section 11.7 and upon request, Verizon shall provide AT&T with access to a Feeder Sub-Loop (as such term is hereinafter defined) in accordance with, and subject to, the terms and provisions of this Section 11.2.14. A Feeder Sub-Loop means a DS1- or DS3- transmission path over a feeder facility in Verizon's network between a Verizon end office and either a Verizon remote terminal equipment enclosure (an "RTEE") that subtends such end office or a TOPIC (as such term is hereinafter defined) located within 100 feet of a Verizon feeder distribution interface (such an interface, an "FDI") that subtends the end office and that AT&T has established in accordance with, and subject to the terms and provisions of, an agreement between Verizon and AT&T that governs the establishment of such TOPIC.* *11.2.14.7.2 AT&T may obtain access to a Feeder Sub-Loop only from an AT&T collocation arrangement in the Verizon end office where such Feeder Sub-Loop originates and Verizon shall terminate a Feeder Sub-Loop in an RTEE that subtends such end office only if AT&T has a collocation arrangement in such RTEE. Upon AT&T's*

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		(ii) a mutually agreeable cross-connection point in the Verizon Central Office, typically the point where an appearance of the connecting facility to AT&T collocation is accessible by Verizon. *The Loop Feeder Subloop component can be copper, coax, or fiber and the interface can be any valid level supported by the underlying media. Verizon shall provide AT&T physical access to the accessible terminal outside the central office.* *4.4.2 The physical medium of the Loop Feeder may be copper twisted pair, coax, or fiber. Verizon should disclose the interfaces supported and AT&T should be permitted its choice of which to use. Verizon shall provide access to Loop Feeder Subloops even if Verizon is not currently employing the conductor/facility for its own use such as may occur when spare copper or dark fiber is present. If requested by AT&T, Verizon will identify whether load coil, bridge taps, or any other elements are attached to the copper feeder Subloop that may limit the transmission capabilities of the Subloop. If requested by AT&T, Verizon will remove such items and AT&T will reimburse Verizon for such work based on time and material rates set forth in Exhibit A (Pricing) of this Agreement.* *4.4.3 Requirements for Loop Feeder* *4.4.3.1 If any Loop Feeder Subloop components require power (i.e., repeaters), Verizon shall provide appropriate power for all active components in the Loop Feeder. Verizon will provide appropriate power and battery back up using the same engineering guidelines and practices that are in place for like Verizon equipment.* *4.4.4 Additional Requirements for Subloops* *4.4.4.1 Verizon shall support functions associated with provisioning, maintenance and testing of the unbundled Subloop elements, in a nondiscriminatory manner and demonstrate compliance by monitoring and reporting disaggregated performance results. Verizon will also provide nondiscriminatory access to provisioning, maintenance and testing functions for Network Elements to which Loop Distribution is connected.* *4.4.5 Additional Technical Requirements for the Unbundling of*	*request, Verizon will connect a Feeder Sub-Loop to an AT&T collocation arrangement in the Verizon end office where the Feeder Sub-Loop originates and to either an AT&T collocation arrangement in the Verizon RTEE that subtends such end office or an AT&T Telecommunications Carrier outside plant interconnection cabinet (such a cabinet, a "TOPIC") located within 100 feet of the FDI that subtends the end office and that AT&T has established in accordance with, and subject to the terms and provisions of, an agreement between Verizon and AT&T that governs the establishment of such TOPIC. Verizon shall connect a Feeder Sub-Loop to the point of termination bay of an AT&T collocation arrangement and to an AT&T TOPIC by installing appropriate cross connections and Verizon shall be solely responsible for installing such cross connections. AT&T may obtain access to a Feeder Sub-Loop between an end office and an RTEE or a TOPIC only if DS1- or DS3-capable transmission facilities are available and not in use between such office and RTEE or TOPIC. If a DS1- or DS3-capable transmission facility is not available between an end office and an RTEE or TOPIC or if such a facility is available but is in use between such office and RTEE or TOPIC, then Verizon shall construct such a facility upon request by AT&T and subject to Verizon's special construction terms, conditions and rates. A location must be fed by fiber to be eligible for a DS3 Unbundled Feeder Sub-loop Element (UFSE) services. Fiber Optic facilities will not be constructed to deliver a UFSE service.* *11.2.14.7.3 AT&T shall run any crosswires within an AT&T physical collocation arrangement and an AT&T TOPIC and AT&T will have sole responsibility for identifying to Verizon where a Feeder Sub-Loop should be connected to an AT&T collocation arrangement. AT&T shall be solely responsible for providing power and space for any cross connects and other equipment that Verizon installs in a TOPIC, and AT&T shall not bill Verizon, and Verizon shall not pay AT&T, for providing such power and space.* *11.2.14.7.4 Verizon shall not be obligated to provide to AT&T any multiplexing at an RTEE or at a TOPIC or to combine a Feeder Sub-Loop with a Distribution Sub-Loop. If AT&T requests access to a Feeder Sub-Loop and a Distribution Sub-Loop that are already combined, such combination shall be deemed to be a loop and Verizon shall provide such loop to AT&T in accordance with, but only*

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		DS1 Conditioned Loop Feeder *4.4.5.1 Upon AT&T's request, Verizon shall condition the AT&T requested Loop Feeder to transport a DS1 signal.* *4.4.6 Additional Technical Requirements for Optical Loop Feeder* *4.4.6.1 Verizon shall provide unbundled Loop Feeder in deployed applications in the Verizon network, which will transport DS3, and OCn (where n is defined in the industry standard technical reference). The requirements for such transport are set forth in industry standard technical references.* *4.4.7 Accessible Terminal Requirements* *4.4.7.1 If AT&T desires access to unbundled Loop Feeder in a Verizon Central Office, the Loop Feeder accessible terminal will be as follows unless mutually agreeable to the parties:* *4.4.7.1.1 Copper twisted pairs shall terminate on a distribution frame where connecting facilities to the AT&T collocation also terminate or where cross-connections to other AT&T UNEs also terminate;* *4.4.7.1.2 DS1 Loop Feeder shall terminate on a suitably equipped DSX-1 patch panel where connecting facilities to the AT&T collocation or where cross-connection to other AT&T UNEs also terminate;* *4.4.7.1.3 Fiber Optic cable shall terminate on a LGX patch panel where connecting facilities to the AT&T collocation or where cross-connection to other AT&T UNEs also terminate.* *4.4.7.2 Depending on the type of Loop Feeder equipment and facilities deployed in the Verizon network at the requested location, the Loop Feeder shall be provisioned in accordance with the relevant and applicable interface requirements set forth in the technical references listed in the industry standard technical reference.*	*to the extent required by, the terms, provisions and rates in the Interconnection Agreement that govern loops, if any.* *11.2.14.7.5 Verizon shall provide AT&T with access to a Feeder Sub-Loop in accordance with negotiated intervals.* *11.2.14.7.6 Verizon shall repair and maintain a Feeder Sub-Loop at the request of AT&T and subject to the time and material rates set forth in Exhibit A. AT&T may not rearrange, disconnect, remove or attempt to repair or maintain any Verizon equipment or facilities without the prior written consent of Verizon. AT&T accepts responsibility for initial trouble isolation for Feeder Sub-Loops and providing Verizon with appropriate dispatch information based on its test results. If (a) AT&T reports to Verizon a trouble, (b) AT&T requests a dispatch, (c) Verizon dispatches a technician, and (d) such trouble was not caused by Feeder Sub-Loop facilities or equipment in whole or in part, then AT&T shall pay Verizon the charge set forth in Exhibit A for time associated with said dispatch. In addition, this charge also applies when an AT&T contact as designated by AT&T is not available at the appointed time. If as the result of AT&T instructions, Verizon is erroneously requested to dispatch to a site on Verizon company premises ("dispatch in"), a charge set forth in Exhibit A will be assessed per occurrence to AT&T by Verizon. If as the result of AT&T instructions, Verizon is erroneously requested to dispatch to a site outside of Verizon company premises ("dispatch out"), a charge set forth in Exhibit A will be assessed per occurrence to AT&T by Verizon.* *11.2.14.7.7 Rates for Feeder Sub-Loop shall be established in accordance with Section 11.11.1 of this Agreement.* *11.2.16 House and Riser. As of the Effective Date of this Agreement, Verizon does not have House and Riser facilities that are subject to unbundling requirements under Applicable Law. In the event that Verizon acquires House and Riser facilities that are subject to unbundling requirements under Applicable Law, Verizon will provide access to such House and Riser facilities upon terms and conditions as mutually agreed to by the Parties.*

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		*4.5 **Loop Distribution*** *4.5.1 The Loop Distribution Subloop component provides connectivity from the FDI/SAI via distribution media (facility) to the point of demarcation on the customer premises and shall include all facility terminating and cross-connecting devices that may be present at the point of demarcation provided Verizon owns or controls the device(s) and regardless of the specific nomenclature employed when referring to the device.* *4.5.1.1 The Loop Distribution Subloop may be provided using copper twisted pair, coax cable, or fiber optic cable. Where more than one media is available between two points, the media used shall be the choice of AT&T.* *4.5.1.2 If a combination that includes two or more of these media exists, Verizon shall not preclude AT&T from using those facilities. Verizon will provide access to Loop Distribution Subloops even if Verizon is not currently employing the conductor/facility for its own use such as when spare copper or dark fiber is present. If requested by AT&T, Verizon will identify whether load coils, bridge taps or any other elements are attached to the copper distribution Subloop that may limit the transmission capabilities of the Subloop. If requested by AT&T, Verizon will remove such items and AT&T will reimburse Verizon for such work based on time and material rates set forth in Exhibit A (Pricing) of this Agreement.* *4.5.2 In the case of Verizon facilities serving a single unit installation (e.g., a single residence or single business location), distribution facility consists of all such facilities providing connectivity between the end user's point of demarcation, including the point of demarcation, and the end user side of the FDI/SAI and can be accessed at any technically feasible point.* *4.5.3 In the case of Verizon facilities serving Multi Tenant Environments (MTEs), distribution media shall be furnished to AT&T depending on the location at which AT&T intends to interconnect its facilities, as requested by AT&T and described in Section 4.6 below.* *4.5.4 Verizon will provide Loop Distribution at the appropriate rate levels set forth in Exhibit A (Pricing) of this Agreement* *4.5.5 The Loop Distribution Subloop element shall be capable of*	

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		transmitting any signal(s) that is technically feasible to carry on the particular distribution facility used, and shall support transmission signals with at least the same quality as when Verizon employs the same or similar distribution configuration. *4.6* ***Multi-Tenant Environments (MTEs)*** *4.6.1 Subloop Element Configurations may include;* *4.6.1.1 Loop Distribution Subloops, described in 4.5 preceding, may be used when AT&T requires a Verizon owned facility from a terminal block on the customer side of a FDI/SAI up to and including the end user subscriber's point of demarcation within a Multi-Unit Property.* *4.6.1.2 Intra-Premises Wiring Subloops shall be provided when AT&T requires connectivity between and including two technically feasible accessible terminals on a facility located on a single property. Unless otherwise specified, one end of the Intra-Premises Wiring Subloop will be the demarcation point where the control of the wiring changes from Verizon to the property owner or customer. The other end of the intra premises wiring Subloop shall be at and include a cross connection device(s) at any technically feasible point chosen by AT&T which provides access to customer units at the property. Typically this will be at or in close proximity to the building terminal(s) Verizon would use to cross connect its outside plant to intra premises wiring serving the customer.* *4.6.1.3 Intra-Premise wiring may be further divided into vertical and horizontal components, which may be accessed by AT&T through technically feasible accessible terminals on wiring owned or controlled by Verizon. Such segments of Intra-Premises Wiring shall be made available for use by AT&T upon request. The lack of configuration specific pricing shall not be cause for Verizon to deny access to the wiring during the negotiation of pricing for such elements. Ordering of such segments shall be, at AT&T's option, performed in a manner consistent with that employed for the Intra-Premises Wiring.* *4.6.1.4 Requirements related to charges that AT&T remits to Verizon for Intra-Premises Wiring are described in Section 4.6.2.7 below.*	

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		4.6.2 *Requirements* *4.6.2.1* *AT&T, at its option, may connect to Verizon owned or controlled Intra-Premises Wiring at any* ***existing*** *accessible terminal regardless of whether a Single Point of Interconnection (SPOI)* ***also*** *exists or is subsequently established at that premises.* *4.6.2.2* *AT&T,* ~~*at its option,*~~ *may access Intra-premises Wiring owned or controlled by Verizon by* ***installing an terminal device upon which AT&T's loop plant terminates and then cross-connecting to the intra-premises wiring;*** ~~*a. utilizing existing spare capacity on the Verizon terminating block, even if those terminals are within an enclosure or*~~ *b.* ~~*installing its own terminal block in the vicinity of the existing Verizon terminal block where the on premises wiring terminates.*~~ *4.6.2.3* ***Except for reasonable reservation of space for growth or to permit safe working conditions, Verizon shall not otherwise limit where AT&T's terminal block may be placed at an MTE. If a limitation exists, Verizon shall provide an acceptable alternative and any additional costs (cabling, conduit, power) shall be shared between the parties.*** ~~*within the Verizon enclosure, if applicable, and when space exists within such enclosure.*~~ *4.6.2.4* *Connectivity between AT&T's terminal block and the Verizon terminal block* ***where intra-premises wiring terminates*** *will be performed in accordance with generally accepted practices, such as using conduit* ***between physically separate enclosure*** *and splicing of pairs to extend wiring between terminal block locations.* *4.6.2.5* ***If requested by Verizon, where Verizon owns or controls the intra-premises wiring, AT&T shall clearly mark, in a mutually agreed upon manner, intra-premises wiring***	

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			utilized. ~~When AT&T uses Verizon terminals, AT&T shall clearly label the wiring on those terminals as belonging to AT&T.~~ AT&T shall be under no obligation to identify the customer or customer unit being served by the wiring.	
		4.6.2.6	*~~When Verizon neither owns nor controls the on-premises wiring, but has installed terminal blocks for its own facilities, AT&T may access the building wiring by cross connecting to building wiring terminals even if the terminals are within an enclosure installed by Verizon. In such case,~~* ***Regardless of ownership or control status of the intra-premises wiring,*** *Verizon will not* ***in any way*** *limit AT&T access nor will it oppose AT&T re-terminating a cross-connection associated with a customer request for service from AT&T, provided the connections are made in a reasonable manner* ***and does not involve modification to the loop plant terminations of Verizon.***	
		4.6.2.7	*When AT&T uses only the Intra-Premises Wiring Subloop(s) such element (s) need not be ordered on an individual pair basis or ordered in advance of use of the sub loop element, unless so requested by AT&T. AT&T shall be responsible for inventorying and reporting the pairs used at a particular location on a mutually agreeable periodic basis. Verizon shall use the counts derived from such reports to determine charges due from AT&T and to render billing. No other ordering activities need be initiated by AT&T. AT&T shall not be required to provide any customer specific information as part of such inventory and, unless mutually agreeable to do otherwise, shall be obligated only to report a street address where the Intra-Premises Wiring Subloop is used and information sufficient to determine the average number of the Intra-Premises Wiring Subloops (i.e., pairs) used at that address during the period covered by the report.*	
		4.6.2.8	*Where control of the Intra-Premises Wiring may be unclear or disputed, Verizon will not prevent or in any way delay AT&T's use of the Intra-Premises Wiring to meet an end user request for service. To the extent Verizon demonstrates, after AT&T initiates use of the Intra-Premises Wiring, that the facility*	

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		employed is controlled by Verizon and, therefore, is a Subloop UNE, then AT&T will compensate Verizon for such use, on a retroactive basis from the date of first use.	
		4.6.2.8.1 AT&T will notify Verizon ten (10) days before beginning construction in any MTE where the building owners indicates to AT&T that either the wiring is not owned or controlled by the building owner or the building owner is unsure as to wiring ownership or control. Where no carrier other than Verizon is providing service at the particular MTE, Verizon will respond within ten (10) days, with a determination of whether or not Verizon owns or controls the intra-premises wiring. In all other cases, Verizon will respond by the close of the next business day. ***AT&T may begin use of intra-premises wiring any time after the expiration of the notice period.***	
		4.6.2.8.2 Where Verizon claims ownership or control of the wiring and ***Verizon requires that AT&T provide specific facility use information,*** *Verizon shall permanently stencil each terminal block, each cable and each pair termination* ***in a manner that permits AT&T to report such information. Such marking shall be established at no cost to AT&T and the information to be reported shall be consistent from premises to premises.*** ~~*that AT&T must access in order to utilize intra-premises wiring and such labeling shall be a unique identifier that is mutually agreeable to the parties. To the extent that*~~ ***The lack*** *of such labeling* ~~*is not already established or readable, Verizon shall provide such permanent labeling within ten (10) days of*~~ ***shall not prevent AT&T's use of the intra-premises wiring, provided only that*** *the notification specified in 4.6.2.8.1* ***is satisfied.***	
		4.6.2.8.3 ***Verizon and AT&T shall, in a mutually agreeable manner, mark the intra-premises wiring employed at MTEs where both parties provide retail service.*** ~~*Verizon shall tag each cross-connect pair that Verizon uses at a premises where AT&T provides service using the intra-premises wiring. AT&T will likewise tag the wiring connected to the intra-premises wiring owned or controlled by Verizon so that it is*~~	

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			~~*reasonably apparent that AT&T is using the pair. Verizon shall not tamper with any pair label that is in use by AT&T unless Verizon must do so to provide retail service and*~~ ***Except where Verizon or AT&T is seeking to provide service and a determination is first made that*** *(1)* ~~*Verizon determines*~~ *no dial tone is present on the* ~~**line**~~***intra-premises wiring*** *or, (2) if dial tone exists,* ~~*Verizon has validated that*~~ *the telephone number associated with the* ***intra-premises wiring***~~**pair**~~ *is the telephone number the* ***retail*** *customer* ***seeks to*** ~~*represented will be*~~ *disconnected* ~~*d*~~ *or ported.*, ***neither party shall modify wiring marked as "in use" by the other party.***	
		4.6.2.8.4	~~*Thirty (30) days after submitting notification, as provided in 4.6.2.8.1, AT&T may begin using intra-premise wiring to provide service without regard to whether or not Verizon has replied with respect to wiring ownership/control or Verizon has fulfilled its obligation with respect to stenciling as provided in 4.6.2.8.2.*~~	
		4.6.2.8.5	*Should Verizon not meet its obligation to provide stenciling as provided in Section 4.6.2.8.2, and AT&T must subsequently collect such information, Verizon shall reimburse AT&T for the direct cost of time and materials expended in establishing an updated records for the MTE. Any intra-premises wiring employed by AT&T, pursuant to the provisions of Section 4.6.2.8 but for which Verizon did not meet its obligations as set forth in Section 4.6.2.8.2, shall not be subject* ~~*to any charges or*~~ *retroactive billing* ~~*until 60 days after Verizon notifies AT&T that it has complied with 4.6.2.8.2 for the MTE in question*~~*.*	
		4.6.2.8.6	***To the extent that Verizon makes automated assignment of its loop plant to intra-premises wiring,*** *Verizon shall block* ***automated*** *assignment to any intra-premises wiring for which AT&T provides utilization information as permitted by Verizon's compliance with Section 4.6.2.8.2*	
		4.6.2.9	*Verizon shall defend, indemnify, and otherwise hold harmless, AT&T from any claims by a building owner, relating to the use of on-premises wiring, where payments are made by AT&T to*	

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			Verizon for the use of the Intra-Premises Wiring Subloop element for which Verizon asserted control.	
		4.6.2.10	~~*First Pair Requirement - Verizon shall not reserve the intra-premises wiring that is currently connected to line one in the unit wiring of the customer (the first pair) for its own use. The first pair shall be made available to AT&T for its use unless Verizon is concurrently providing voice on those pairs based upon a bona fide request by the customer. Under those conditions, Verizon will offer to AT&T spare cable pairs that are*~~ ***Verizon shall not in any way limit AT&T access to any intra-premises wiring that is*** *in working order and available to serve the end user's premises.* ***Intra-premises wiring that currently employed to deliver service that a customer is transferring service to AT&T shall be considered "available."***	
		4.6.2.11	***Where Verizon provides intra-premises wiring as an unbundled network element.*** *Verizon shall provide repair and maintenance support* ~~*for on-premises wiring*~~ *that is at parity to maintenance and repair support it provides for other customers in an MTE that are served by Verizon's own retail operations, an affiliate of Verizon or any non-affiliate company employing Verizon intra-premises wiring.*	
		4.6.2.11.1	*Verizon shall immediately refer any trouble reports from an AT&T customer in an MTE as directed by AT&T. Verizon shall not work directly with the retail customer to resolve the trouble without authorization from AT&T nor shall Verizon personnel use the contact to attempt to sell any Verizon services or otherwise collect information that may have value for marketing purposes.*	
		4.6.2.11.2	*Verizon shall rectify troubles referred by AT&T where AT&T believes that the trouble has its source in intra-premises wiring* ***unbundled network element(s).*** *If requested by AT&T, Verizon shall coordinate a premises dispatch with AT&T. Verizon shall not apply charges for maintaining or repairing trouble referral for intra-premises wiring unless (1) AT&T has failed to perform loop back test that showed the facility*	

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		trouble was on the customer side of the loop back device at the MTE and (2) Verizon demonstrates that the trouble exists within the outside plant provided by AT&T.	
		*4.6.2.11.3 If Verizon fails to resolve a trouble referral to the satisfaction of AT&T, **where Verizon is providing the intra-premises wiring as an unbundled network element,** AT&T shall have the option to use another spare pair of intra-premises wiring that connects to the premises or it may run its own wiring using the on-premise pathways Verizon utilizes at the premises for the same purposes. When exercising such an option, AT&T shall wait a minimum of **6** hours following referral of the trouble to Verizon. If a spare pair is utilized, AT&T will convey the revised assignment information to Verizon to the extent made possible by Verizon compliance with ~~3~~ Section 4.6.2.8.2 and appropriately tag the pair as used by AT&T and remove the AT&T designation from the defective pair **as provided in** Section 4.6.2.8.3. Verizon may not apply any charges to AT&T for any wiring that **it AT&T** deploys in an MTE pursuant to this paragraph.*	
		4.6.3 Single Point of Interconnection [FCC RULE 51.319(a)(2)(E)]	
		*4.6.3.1 The Single Point of Interconnection (SPOI) is a cross-connect device that provides non-discriminatory access for cross connections to all **intra-premises** Subloop elements and to all units in an MTE. The SPOI ~~is~~ **shall be** capable of terminating multiple carriers' outside plant that serve a particular premises.*	
		*4.6.3.2 Verizon must, at AT&T's request, cooperate in any reconfiguration of the ~~network~~ **intra-premises wiring** necessary to construct a SPOI. Verizon shall provide a SPOI at or as close as commercially practicable to the MPOE in the MTE. AT&T's employees and agents shall have direct access to **the intra-premises wiring terminated in** the SPOI without the necessity of coordinating such efforts with Verizon's employees or agents. This obligation is in addition to*	

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		Verizon's obligation to provide nondiscriminatory access to Subloops at any technically feasible point.	
		4.6.3.3 ***Unless mutual agreement is reached with respect to completion of SPOI construction,*** *Verizon shall complete the construction of a SPOI, not more than sixty (60) days from receipt of a request by AT&T to construct a SPOI. Upon completion of the SPOI, Verizon agrees* ~~*it*~~ ***Verizon*** *shall access all customers it serves at that location through* ~~***pairs***~~ ***intra-premises wiring*** *terminating at the SPOI.*	
		4.6.3.4 Verizon shall be compensated based on total element long-run incremental cost for constructing any SPOI. The charges for the SPOI shall be recovered from all carriers (including the portion used by Verizon), based on the proportional number of pairs accessed through the SPOI.	
		4.6.3.5 All disputes arising under this provision, including any dispute over how the SPOI at a particular MTE location, shall be resolved according to the Alternative Dispute Resolution process set forth in section 28.11 (Dispute Resolution) of this Agreement.	
		4.6.3.6 When a SPOI is established after AT&T begins providing service to a particular location, it shall be at AT&T's option that its pre-existing wiring be re-terminated to the SPOI. AT&T may perform all work or, upon request and subject to applicable time and material charges, Verizon will re-terminate the wiring.	
		4.6.3.7 When the building owner requests that a SPOI be deployed, which also serves as the demarcation point, and Verizon accommodates the request, Verizon is responsible for providing reasonable and appropriate advance notification to AT&T that such a change will be made.	
		4.6.4 Demarcation Point	
		4.6.4.1 Demarcation Point is the point where the control, but not necessarily the ownership of intra-premises wiring changes from the carrier to	

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		the building owner or service subscriber. *4.6.4.2 For those locations where AT&T is serving customers, if Verizon is negotiating with the building owner to move the demarcation point in the owner's MDU to the MPOE, Verizon must serve notice of such negotiations to AT&T within five (5) business days from the date the property owner requested that the change be undertaken by Verizon.* *4.6.4.3 Upon completion of such negotiations, Verizon shall provide AT&T notice that an agreement has been reached and provide the timeframe for when the demarcation point will be moved to the MPOE.* *4.6.4.4 AT&T shall have the option of moving its service to the newly established demarcation point or negotiating with the building owner connecting to the wiring as previously provided. If AT&T chooses not to use the new demarcation point, and ownership of the intra-premise wiring changes, Verizon shall leave any pre-existing cross connect devices in place. Verizon shall cease billing* ***for the associated intra-premise wiring unbundled network element(s)*** *and immediately make the appropriate billing adjustments retroactive to the date a newly established demarcation point is active.* ~~*4.6.4.4.1When AT&T opts to move its service to the newly established demarcation point, and ownership of the intra-premise wiring changes, Verizon shall reduce AT&T's rates accordingly as of the date the new demarcation point is active.*~~ *4.6.4.4.21 AT&T shall have the option of performing any necessary work to accommodate moving its service or requesting Verizon to perform such work on its behalf.* *4.6.4.5 In those cases where the demarcation point is at the MPOE, but Verizon continues to maintain the intra- premise wiring Verizon agrees to treat AT&T on a non-discriminatory basis with respect to all matters relating to Intra-Premises Wiring Subloops, including operations support and charges for such support.* *4.6.5 Access to Verizon Records* *4.6.5.1* ~~*AT&T's Access to Verizon records shall be in compliance with the specifications set forth in this Agreement or, to the extent applicable, in the*~~	

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		~~*license agreement regarding access to Verizon Rights of Way, Pole Attachments and Conduits, as described in Section 16*~~ *The parties agree to work together to define the information and records that AT&T reasonably needs and to incorporate the procedures developed in New York to provide AT&T with access to the records.*	
III-12	**Should the contract reflect the FCC's decisions in the UNE Remand, Advanced Services and Line Sharing proceedings?**	**4.1 Definition of Loop. A transmission facility between a distribution frame (or its equivalent) in BellSouth's/Verizon's Central Office and the Loop Demarcation Point (marking the end of BellSouth's/Verizon's control of the Loop) at an End-User Customer premises, including inside wire owned by BellSouth/Verizon. The Loop includes all features, functions, and capabilities of such transmission facility. Those features, functions, and capabilities include, but are not limited to, Dark Fiber, attached electronics (except those electronics used for the provision of advanced services, such as Digital Subscriber Line Access Multiplexers), and line conditioning. The Loop includes, but is not limited to, DS1, DS3, fiber, and other high capacity Loops.** **Section 6. Dark Fiber** **6.1 Definition: Dark Fiber is BellSouth/Verizon optical transmission facilities without attached multiplexers, aggregation, or other electronics. To the extent BellSouth's/Verizon's fiber contains any lightwave repeaters (e.g., regenerators or optical amplifiers) installed on the fiber, BellSouth/Verizon shall not remove the same.** **6.2 Requirements:** **6.2.1 BellSouth/Verizon shall make available Dark Fiber where it exists in BellSouth's/Verizon's network and where, as a result of future building or deployment, it becomes available. BellSouth/Verizon shall offer all Dark Fiber to MCIm pursuant to the prices set forth in Attachment I of this Agreement. BellSouth/Verizon shall make available Dark Fiber at Parity and on a non-discriminatory basis in accordance with applicable FCC rules and orders.** **6.2.2 BellSouth/Verizon shall provide a single Point of Contact (SPOC) for negotiating all Dark Fiber arrangements.**	**UNE Attachment** **7. Dark Fiber** **7.1 Access to unbundled Dark Fiber will be provided by Verizon, where existing facilities are available at the requested availability date, in the loop, subloop and interoffice facilities (IOF) portions of the Company's network. Access to Dark Fiber will be provided in accordance with, but only to the extent required by, Applicable Law. Except as otherwise required by Applicable Law, the following terms and conditions apply to Verizon's Dark Fiber offering.** **7.2 A "Dark Fiber Loop" consists of continuous fiber optic strand(s) in a Verizon fiber optic cable between the fiber distribution frame, or its functional equivalent, located within a Verizon Wire Center, and Verizon's main termination point, such as the fiber patch panel located within a Customer premise, and that has not been activated through connection to the electronics that "light" it, and thereby render it capable of carrying Telecommunications Services. In addition to the other terms and conditions of this Agreement, the following terms and conditions also shall apply to Dark Fiber Loops:** **7.2.1 Verizon shall be required to provide a Dark Fiber Loop only where (1) one end of the Dark Fiber Loop terminates at **CLEC's collocation arrangement and (2) the other end terminates at the Customer premise. A CLEC demarcation point shall be established either in the main telco room of a building where a Customer is located or, if the building does not have a main telco room, then at a location to be determined by Verizon. Verizon shall connect a Dark Fiber Loop to the demarcation point by installing a fiber jumper.**

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